

# NORTH DAKOTA CROP, LIVESTOCK, & WEATHER REPORT



USDA, NASS  
North Dakota  
Field Office

Cooperating With:  
NDSU EXTENSION SERVICE,  
FARM SERVICE AGENCY,  
ND AG WEATHER NETWORK (NDAWN)  
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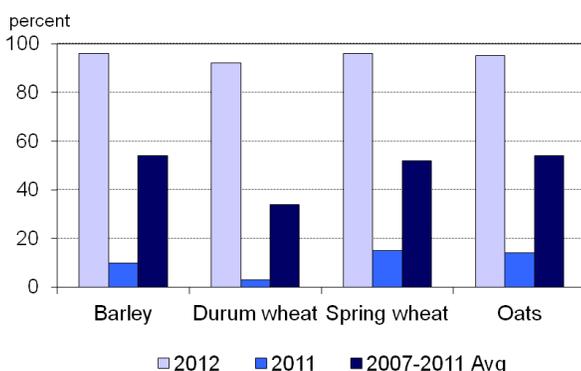
Released: July 2, 2012  
For Week Ending: July 1, 2012

**General:** A heat wave last week resulted in stress on crops and waning soil moisture supplies, according to the USDA, National Agricultural Statistics Service, North Dakota Field Office. However, the warm temperatures advanced development of crops in most locations and enabled producers to make progress haying. Reporters indicated rain was needed across the state. Statewide, on average, there were 6.6 days suitable for fieldwork. Post emergence spraying for control of broadleaf weeds was 95 percent complete. Topsoil moisture supplies were rated 7 percent very short, 38 short, 54 adequate, and 1 surplus. Subsoil moisture supplies were rated 5 percent very short, 28 short, 65 adequate, and 2 surplus.

**Crops:** As of Sunday, 80 percent of the barley crop was headed and 41 percent was jointed. Durum wheat was 69 percent headed, an increase of 36 percentage points from last week. Spring wheat was 82 percent headed and 42 percent was in the milk stage. Eighty-three percent of oats were headed, compared with zero last year and the five-year average (2007-2011) of 26 percent. Oats progressed 32 percentage points to 44 percent in the milk stage. Eighty-three percent of canola was blooming, ahead of zero last year and 37 percent on average. Dry peas were 81 percent flowering, compared with 15 percent last year and the average of 54 percent. Flaxseed advanced 21 percentage points to 44 percent blooming. Potatoes were 38 percent blooming, an increase of 26 percentage points from last week. All crop condition ratings decreased from last week.

**Livestock:** According to reporters, alfalfa weevils have continued to damage hay crop in some districts. Pasture and range conditions were 4 percent very poor, 9 poor, 33 fair, 50 good, and 4 excellent. First cuttings of alfalfa and other hay were 78 percent and 41 percent complete, respectively. Hay conditions were rated 10 percent very poor, 22 poor, 32 fair, 35 good, and 1 excellent. Stockwater supplies were rated 5 percent very short, 14 short, 76 adequate and 5 surplus.

**Small Grains Boot Stage  
North Dakota: July 1, 2012**



## Crop and Pasture Condition North Dakota: July 1, 2012

Crop	Very poor	Poor	Fair	Good	Excellent
	(percent)	(percent)	(percent)	(percent)	(percent)
Barley .....	-	2	17	67	14
Durum wheat.....	-	4	13	76	7
Spring wheat.....	-	3	17	67	13
Oats .....	-	2	20	70	8
Canola .....	-	3	11	66	20
Corn.....	-	2	17	73	8
Dry Edible Beans .....	-	7	32	57	4
Dry Edible Peas .....	1	6	15	69	9
Flaxseed .....	-	1	12	80	7
Potatoes.....	-	3	18	72	7
Soybeans.....	-	3	20	69	8
Sugarbeets .....	-	1	16	67	16
Sunflower.....	-	2	18	73	7
Hay .....	10	22	32	35	1
Pasture and range .....	4	9	33	50	4

- Represents zero.

## Crop Development Progress – North Dakota

(Crop development percents represent all acreage in or beyond each stage. Progress is based on current intended acreage.)

Crop	July 1, 2012	June 24, 2012	July 1, 2011	2007-2011 Average
	(percent)	(percent)	(percent)	(percent)
<b>Barley</b>				
Boot .....	96	85	10	54
Headed .....	80	55	-	32
Milk .....	41	12	-	6
Turning.....	8	-	-	-
<b>Durum wheat</b>				
Boot .....	92	79	3	34
Headed .....	69	33	-	16
Milk .....	21	-	-	1
Turning.....	-	(NA)	-	-
<b>Spring wheat</b>				
Boot .....	96	88	15	52
Headed .....	82	60	-	27
Milk .....	42	9	-	4
Turning.....	3	(NA)	-	-
<b>Oats</b>				
Boot .....	95	87	14	54
Headed .....	83	56	-	26
Milk .....	44	12	-	5
Turning.....	3	-	-	1
<b>Canola</b>				
Blooming.....	83	55	-	37
Turning.....	2	(NA)	-	-
<b>Corn</b>				
Silking .....	3	1	-	1
<b>Dry edible beans</b>				
Blooming.....	11	1	1	6
Setting Pods.....	-	(NA)	-	-
<b>Dry edible peas</b>				
Flowering .....	81	69	15	54
<b>Flaxseed</b>				
Blooming.....	44	23	1	12
<b>Potatoes</b>				
Blooming.....	38	12	5	18
Rows Filled .....	10	-	-	4
<b>Soybeans</b>				
Blooming.....	19	3	1	6
<b>Sunflower</b>				
Blooming.....	2	-	-	-

- Represents zero. (NA) Not available.

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**Soil Moisture Supplies**  
**North Dakota: July 1, 2012**

Date	July 1, 2012	June 24, 2012	July 1, 2011	2007-2011 Average
	(percent)	(percent)	(percent)	(percent)
<b>Topsoil</b>				
Very Short .....	7	2	-	1
Short .....	38	20	1	11
Adequate.....	54	73	58	70
Surplus.....	1	5	41	18
<b>Subsoil</b>				
Very Short .....	5	1	-	3
Short .....	28	21	1	10
Adequate.....	65	71	53	68
Surplus.....	2	7	46	19

- Represents zero.

**Weather:** Temperatures were above normal statewide. Precipitation was near normal across parts of the northwest and north central and below normal across much of the rest of the state. Highs on Monday were in the 80s to low 90s with a few showers and thunderstorms in the southwest. There were showers and thunderstorms in the northwest and north central on Tuesday with highs in the mid-80s to low 100s. Severe thunderstorms with large hail and damaging winds were reported in the northwest and north central on Tuesday. Highs on Wednesday were in the upper 70s to 80s with a few showers and thunderstorms in the northeast. Thursday was dry with highs in the 80s to low 90s. Highs on Friday were in the mid-80s to low 90s with showers and thunderstorms in the northwest and central. Severe thunderstorms with large hail were reported in the northwest on Friday. There were showers and thunderstorms in the central and northeast on Saturday with highs in the mid-80s to low 90s. Severe thunderstorms with large hail were reported in parts of the south central on Saturday. Highs on Sunday were in the mid-80s to low 100s with a few showers and thunderstorms in the western half of the state. Severe thunderstorms with damaging winds were reported in parts of the southwest on Sunday.

**Outlook, July 2-July 8:** Temperatures will be above normal statewide this week. Precipitation will be near normal across much of the state. The best chance for near normal precipitation will be across the southern and eastern parts of the state. Highs on Monday will be in the 80s to 90s with a chance of showers and thunderstorms across the state. There will be a chance of showers and thunderstorms in the west on Tuesday with highs in the mid-80s to mid-90s. Highs on Independence Day will be in the 80s to 90s with a chance of showers and thunderstorms in the central and east. There will be a chance of showers and thunderstorms across much of the state on Thursday with highs in the mid-80s to low 90s. The chance of showers and thunderstorms will continue across much of the state on Friday with highs in the 80s. Highs on Saturday and Sunday will be in the 80s with a chance of showers and thunderstorms in the southern half of the state.

**Temperature & Precipitation: Districts and Stations**  
 North Dakota, Week ending July 1, 2012

District Averages	Average Temperature		Seasonal Precipitation Beginning April 1 <sup>1</sup>		
	Past Week	Depart Normal <sup>2</sup>	Past Week	Total	Depart Normal <sup>2</sup>
	(degrees F)	(degrees F)	(inches)	(inches)	(inches)
Northwest (1)	70	4	0.12	8.52	1.99
N. Central (2)	69	3	0.18	6.48	-0.33
Northeast (3)	68	1	0.00	5.80	-0.97
W. Central (4)	71	4	0.15	6.72	-0.39
Central (5)	70	2	0.48	8.05	1.19
E. Central (6)	73	5	0.01	5.66	-1.99
Southwest (7)	74	8	0.10	7.08	-0.15
S. Central (8)	73	5	0.02	7.40	0.41
Southeast (9)	73	4	0.00	7.60	-0.44

<sup>1</sup> Precipitation amounts may vary due to an inaccurate snowfall melt. <sup>2</sup> Normal is the 1971-2000 average. Weather data collected from NDAWN stations and compiled by UND Aerospace Regional Weather Information Center.

The following links provide further weather-related information and maps for North Dakota:

North Dakota Climatology Working Group provides statewide precipitation maps for the previous week:  
<http://www.ndsu.edu/ndsc>

National Weather Service's North Dakota Data:  
<http://www.nws.noaa.gov/view/states.php?state=ND>

**Temperature & Precipitation: Districts and Stations**  
 North Dakota, Week ending July 1, 2012

Stations by District	Temperature past week		Seasonal precipitation beginning April 1 <sup>1</sup>		
	High	Low	Past Week	Total	Depart normal <sup>2</sup>
	(degrees F)	(degrees F)	(inches)	(inches)	(inches)
(1) Bowbells .....	84	50	0.05	9.00	2.33
Williston.....	97	54	0.04	6.81	1.30
Mohall .....	87	51	0.10	9.51	2.86
Minot.....	88	52	0.31	8.74	1.45
(2) Baker .....	87	55	0.06	7.43	0.81
Bottineau.....	87	47	0.42	5.66	-1.29
Rugby .....	90	52	0.06	6.34	-0.52
(3) Cando.....	87	50	0.00	6.47	0.03
Cavalier.....	90	45	0.00	7.00	0.26
Forest River ...	91	49	0.00	3.78	-3.22
Grand Forks ...	92	51	0.02	6.01	-0.51
Langdon.....	85	50	0.00	6.76	-0.19
St. Thomas.....	89	47	0.00	4.80	-2.20
(4) Hazen .....	93	47	0.20	6.84	-0.66
Turtle Lake .....	89	52	0.14	7.03	-0.21
Watford City ...	96	54	0.12	6.28	-0.30
(5) Carrington.....	86	53	0.31	7.21	-0.81
Harvey .....	87	51	0.59	8.33	2.57
Jamestown.....	88	53	0.19	7.10	0.18
Robinson.....	88	56	1.21	9.04	1.95
Streeter.....	87	55	0.10	8.59	2.05
(6) Dazey .....	90	55	0.03	6.25	-1.22
Fargo .....	93	58	0.00	5.24	-2.55
Hillsboro.....	92	53	0.00	5.49	-2.19
(7) Beach .....	101	52	0.19	5.83	-0.99
Bowman.....	103	50	0.00	6.94	-0.22
Dickinson .....	98	49	0.00	6.83	-0.79
Hettinger .....	97	49	0.21	8.71	1.39
(8) Mandan .....	91	55	0.00	6.95	-0.15
Linton.....	91	56	0.04	7.85	0.97
(9) Edgeley .....	92	52	0.00	7.08	-0.98
Oakes .....	93	54	0.00	8.50	0.78
Wyndmere.....	92	56	0.01	7.22	-1.11

<sup>1</sup> Precipitation amounts may vary due to an inaccurate snowfall melt. <sup>2</sup> Normal is the 1971-2000 average. Weather data collected from NDAWN stations and compiled by UND Aerospace Regional Weather Information Center.